

Listing of Claims

1) (Currently Amended) A siphon initiating device comprising:

- a) a cylinder member having a smooth internal bore elongated upon a straight axis between an open inlet extremity and an exit extremity containing means for engaging a ~~garden~~-hose;**
- b) a first check valve disposed within said bore adjacent said exit extremity and adapted to enable ~~water~~ liquid to flow from said bore unidirectionally out of said exit extremity;**
- c) a hollow piston member having an open exit end and inlet end equipped with means for engaging a ~~garden~~ hose;**
- d) sealing means disposed about said piston member in a manner to produce a substantially fluid-tight seal with said bore while permitting reciprocating sliding movement of said piston member within said bore;**
- e) a second check valve disposed within said piston member and adapted to enable ~~water~~ liquid to flow unidirectionally through said hollow piston member, whereby**
- f) said cylinder member and interactive piston member function as a pump which advances ~~water~~ liquid through said device when said piston member is repeatedly manipulated back and forth within said cylinder member.**

- 2) (Currently Amended) The device of claim ~~[[1]]~~ 11 wherein said cylinder and piston members are fabricated of rigid plastic material.
- 3) (Original) The device of claim 2 wherein said plastic material is polyvinyl chloride.
- 4) (Original) The device of claim 3 wherein said bore has a diameter of between about 5/8" and one inch.
- 5) (Original) The device of claim 4 wherein the exit extremity of said cylinder member has an apertured panel.
- 6) (Original) The device of claim 5 wherein said means for engaging a garden hose is a threaded garden hose fitting.
- 7) (Currently Amended) The device of claim ~~[[1]]~~ 11 wherein a bushing is attached to said cylinder member as an extension thereof, said attachment being achieved by a coupling collar adhered to both said bushing and cylinder member.
- 8) (Cancelled)

9) (Currently Amended) The device of claim [[1]] 11 wherein a bushing is attached to said piston member as an extension thereof, said attachment being achieved by a coupling collar adhered to both said bushing and piston member.

10) (Currently Amended) In a siphon system for transporting water by gravity flow from a source volume of water bounded by a circuitous confining wall having an upper perimeter to a receiving location at a lower elevation than said source volume, said system employing a water-filled conduit having a first extremity immersed below the surface of said source volume, an apogee located above said upper perimeter, and downstream conduit portions divided about said apogee, the improvement comprising disposing a siphon initiating device of claim [[1]] 11 within said downstream conduit portion.

11) (New) The siphon initiating device of claim 1 wherein said first and second check valves each comprises a limited pivotal travel flapper valve that is positioned angularly with respect to and attached to a surrounding flat seat member in the absence of liquid flow and open from or close against said surrounding flat seat member to unseal or seal against said surrounding flat seat members in the presence of liquid flow from said inlet extremity toward said exit extremity.